
Installing overhead cable tray kits

Cable trays (also called ladder racks) can hang from a ceiling, or they can be mounted across the tops of the Meridian 1 columns.

If ceiling-hung racks are used, the rear top cap grill on each column must be replaced with a P0699851 Top Cap Cable Egress Panel, which provides cutouts for cable routing. The cable trays and the equipment required to hang them must be provided by the customer and installed according to the manufacturer's instructions.

Northern Telecom offers an NT8D63 Overhead Cable Tray Kit that provides equipment for mounting cable trays on the Meridian 1 columns. The kit includes two support brackets and front and rear exhaust grills with cutouts for cable routing. The cable tray itself must be provided by the customer; it is not included in the kit. Use this procedure to install the NT8D63 kit.

CAUTION

Column frames must be insulated from contact with building structures such as concrete walls, floors, and ceilings. Whether the cable racks are column-mounted or ceiling-hung, the installation must maintain the integrity of the Meridian 1 grounding architecture.

- 1 Remove air exhaust grills at the front and rear of the top cap. Pull forward on the two clips underneath the front edge of each grill and lift up to remove the grill (see [Figure 16](#)).
- 2 Mount a support bracket at the front and rear of the module (see [Figure 17](#)). Using two bolts, secure each support to the threaded holes in the top of the module.

- 3 Install the front and rear air exhaust grills that come with the kit.
- 4 Place the cable rack on top of the support brackets and fasten it to the supports with the J-bolts as shown in [Figure 17](#).

Figure 16
Removing top cap grills

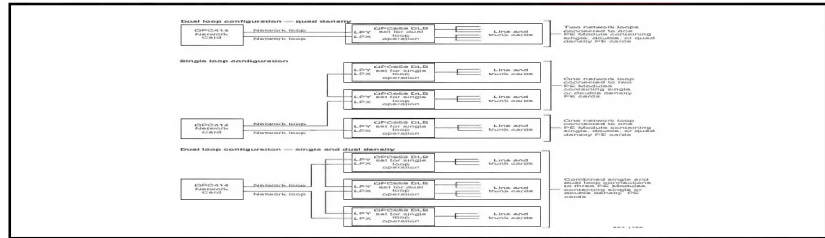


Figure 17
Overhead cable tray kit

